

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E89680

Employer : Puget Sound Energy

Worksite : Bothell

Street : 19900 N Creek Pkwy

Jurisdiction : City of Bothell

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 65%

Survey Date : 6/8/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 22.3%

Drive Alone Rate : 77.7%

One-Way VMT per employee : 13.5

Average One-Way distance home to work : 16.2

Employees and Survey Response Information

Reported Total Employees at Worksite : 395

Surveys Distributed : 395

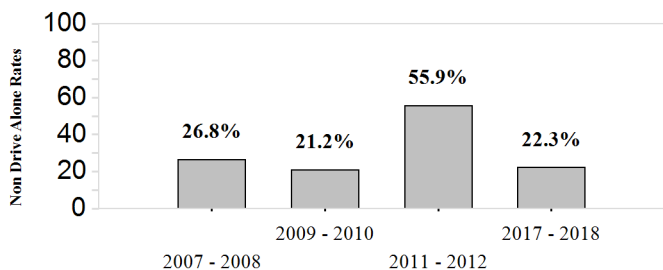
Surveys Returned : 258

Surveys Returned by CTR Affected* Employees : 235

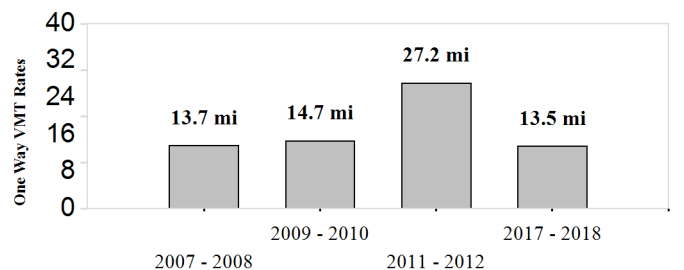
Total Estimated CTR Affected Employees at Worksite : 360

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

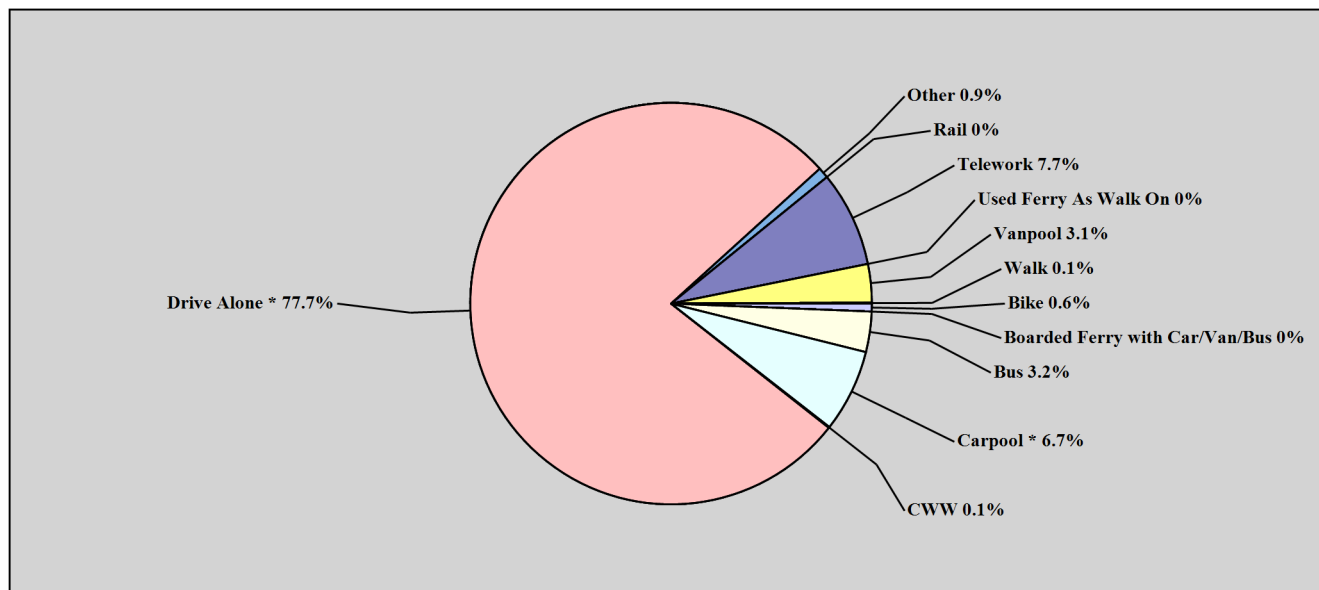
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	26.8%	26.8%	660	931	20.8	13.7	14.2
2009 - 2010	21.2%	21.5%	744	962	21.5	14.7	14.5
2011 - 2012	30.8%	33.4%	662	1082	24.2	13.3	12.8
2011 - 2012	25.1%	25.3%	747	1025	22.9	13.9	14.1
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	22.3%	24.2%	756	1158	25.9	13.5	13.0
Target	32.8%				Target:	11.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-4.5				% Change from Baseline:	-1.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



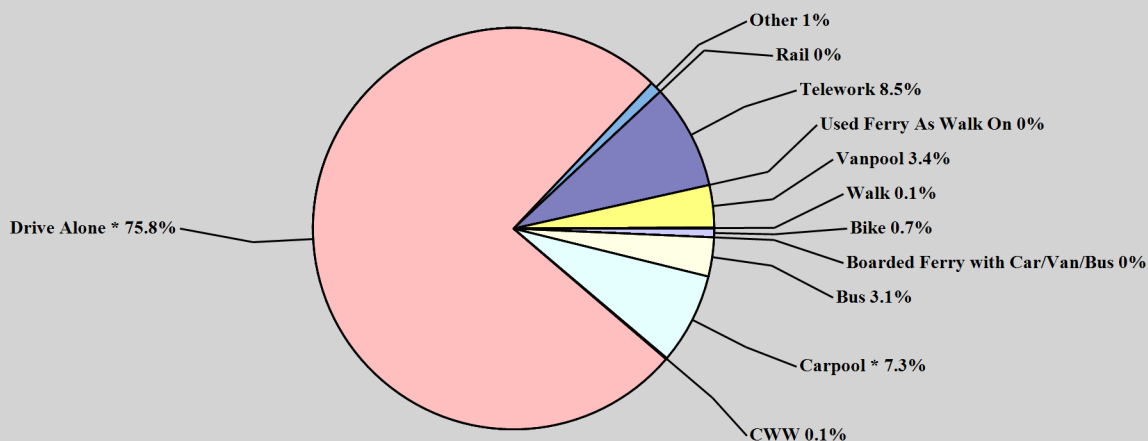
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	980	77.7%	74.9%	218	84.5%	82.2%
Carpool *	84	6.7%	9.5%	26	10.1%	12.1%
Vanpool	39	3.1%	1.2%	12	4.7%	1.2%
Bus	41	3.2%	4.7%	11	4.3%	6.9%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	8	0.6%	0.0%	3	1.2%	0.0%
Walk	1	0.1%	0.0%	1	0.4%	0.0%
Telework	97	7.7%	6.5%	47	18.2%	9.7%
CWW	1	0.1%	0.6%	1	0.4%	1.6%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.5%	0	0.0%	1.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	0.9%	2.2%	6	2.3%	2.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	869	75.8%	74.7%	197	83.8%	82.7%
Carpool *	84	7.3%	8.6%	26	11.1%	11.4%
Vanpool	39	3.4%	1.4%	12	5.1%	1.5%
Bus	36	3.1%	5.0%	10	4.3%	7.4%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	8	0.7%	0.0%	3	1.3%	0.0%
Walk	1	0.1%	0.0%	1	0.4%	0.0%
Telework	97	8.5%	8.0%	47	20.0%	11.9%
CWW	1	0.1%	0.3%	1	0.4%	1.5%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.6%	0	0.0%	2.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	1.0%	1.4%	6	2.6%	2.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	170	66%	258	100%
1 Days	22	9%	88	34%
2 Days	16	6%	66	26%
3 Days	7	3%	50	19%
4 Days	10	4%	43	17%
5 Days	32	12%	33	13%
6 or More Days	1	0%	1	0%

Count by Occupancy of Carpools and Vanpools

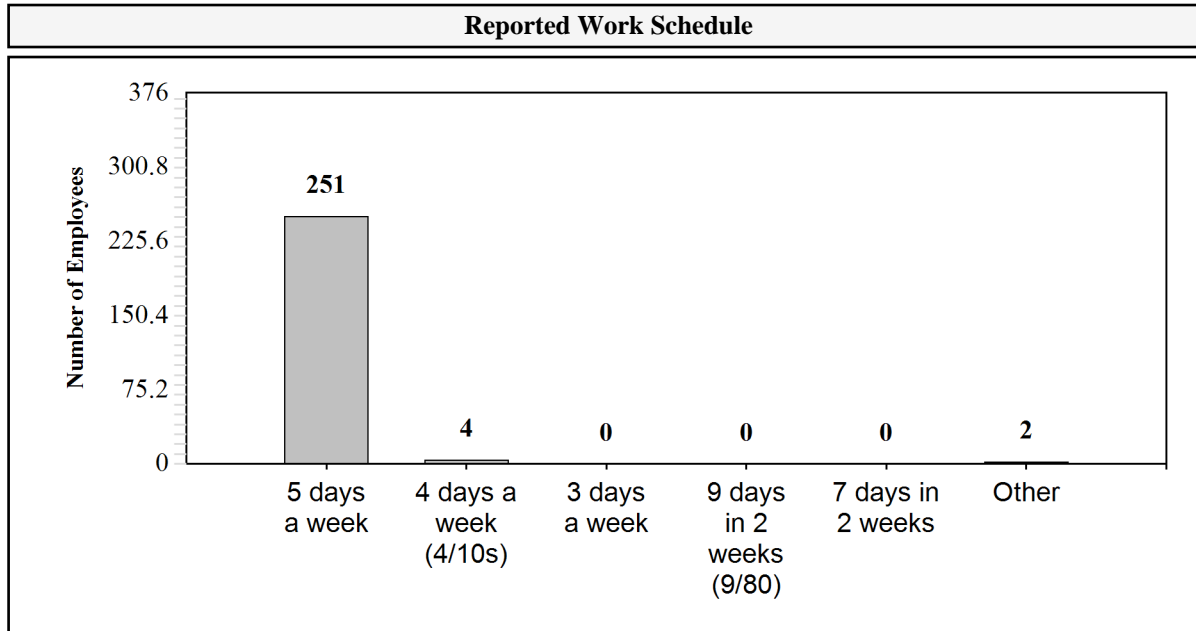
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	80
3	Carpool	3
4	Carpool	0
5	Carpool	0
>5	Carpool	1
<5	Vanpool	16
5	Vanpool	14
6	Vanpool	9
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

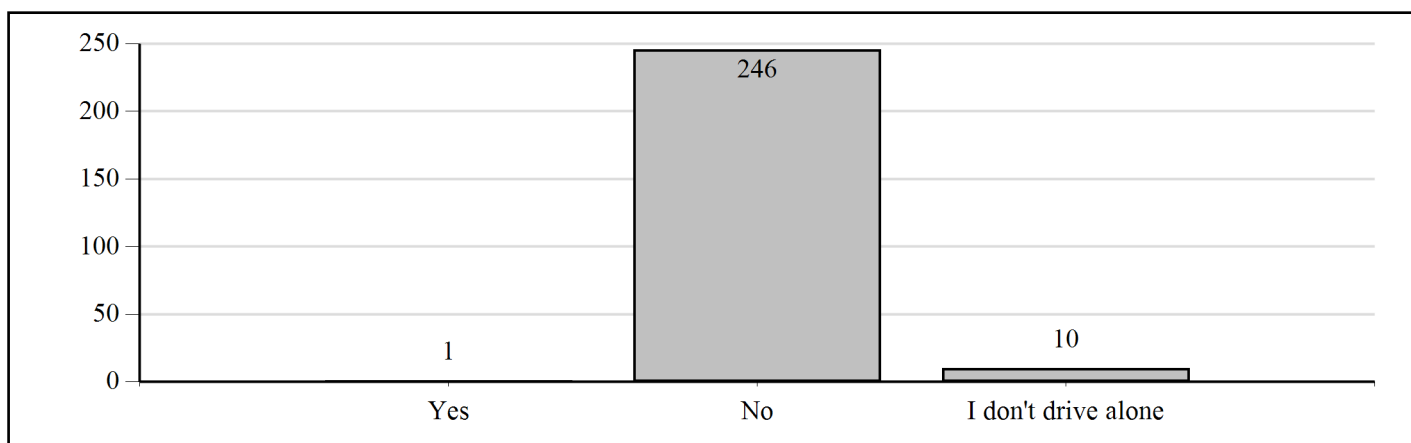
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	251	97.7%
4 days a week (4/10s)	4	1.6%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	0.8%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	127	49.2%
Occasionally, on an as-needed basis	58	22.5%
1-2 days/month	23	8.9%
1 day/week	21	8.1%
2 days/week	16	6.2%
3 days/week	13	5.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	72	15.7%
I have the option of teleworking	63	13.7%
To save time using the HOV lane	61	13.3%
Environmental and community benefits	47	10.2%
Personal health or well-being	43	9.4%
Other	41	8.9%
Free or subsidized bus, train, vanpool pass or fare benefit	39	8.5%
Financial incentives for carpooling, bicycling or walking.	34	7.4%
Driving myself is not an option	22	4.8%
Cost of parking or lack of parking	20	4.4%
Emergency ride home is provided	11	2.4%
Preferred/reserved carpool/vanpool parking is provided	4	0.9%
I receive a financial incentive for giving up my parking space	2	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	171	27.7%
I like the convenience of having my car	160	25.9%
Family care or similar obligations	86	13.9%
Other	63	10.2%
My commute distance is too short	61	9.9%
My job requires me to use my car for work	32	5.2%
Bicycling or walking isn't safe	28	4.5%
I need more information on alternative modes	14	2.3%
There isn't any secure or covered bicycle parking	2	0.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98012	14	5.43%	68	0	0	0	0	0	0	0	3	0	0	0	0
98258	12	4.65%	40	18	0	1	0	0	0	0	4	0	0	0	0
98087	11	4.26%	45	5	0	0	0	0	0	0	2	0	0	0	0
98011	10	3.88%	42	1	0	0	0	0	0	1	4	0	0	0	0
98208	9	3.49%	40	0	0	0	0	0	0	0	5	0	0	0	0
98290	9	3.49%	45	0	0	0	0	0	0	0	0	0	0	0	0
98036	8	3.10%	38	0	0	0	0	0	0	0	0	0	0	0	1
98052	8	3.10%	25	0	0	0	0	0	0	0	8	0	0	0	0
98203	8	3.10%	29	0	0	0	0	0	0	0	11	0	0	0	0
98223	8	3.10%	22	12	0	0	1	0	0	0	4	0	0	0	1
98270	8	3.10%	36	5	0	0	0	0	0	0	1	0	0	0	0
98028	7	2.71%	23	2	0	0	0	0	5	0	4	0	0	0	0
98037	7	2.71%	26	9	0	0	0	0	0	0	0	0	0	0	0
98021	6	2.33%	28	2	0	0	0	0	0	0	0	0	0	0	0
98026	6	2.33%	17	0	0	0	5	0	0	0	3	0	0	0	5
98271	6	2.33%	23	2	0	0	0	0	0	0	0	0	0	0	0
98272	6	2.33%	24	0	0	3	0	0	0	0	5	0	0	0	0
98115	5	1.94%	19	0	0	0	3	0	2	0	1	0	0	0	0
98133	5	1.94%	22	2	0	0	0	0	0	0	2	0	0	0	0
98201	5	1.94%	12	0	0	0	10	0	0	0	3	0	0	0	0
98296	5	1.94%	24	0	0	0	0	0	0	0	1	0	0	0	0
98019	4	1.55%	20	0	0	0	0	0	0	0	0	0	0	0	0
98034	4	1.55%	17	0	0	0	5	0	0	0	0	0	0	0	0
98275	4	1.55%	18	0	0	0	0	0	0	0	0	0	0	0	1
98043	3	1.16%	11	0	0	0	0	0	0	0	1	0	0	0	0
98053	3	1.16%	13	0	0	0	0	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98059	3	1.16%	11	5	0	0	0	0	0	0	0	0	0	0	0
98072	3	1.16%	15	0	0	0	1	0	0	0	0	0	0	0	0
98155	3	1.16%	14	0	0	0	0	0	0	0	0	0	0	0	0
98177	3	1.16%	11	3	0	0	0	0	0	0	1	0	0	0	0
98204	3	1.16%	12	1	0	0	0	0	0	0	2	0	0	0	0
98251	3	1.16%	11	4	0	0	0	0	0	0	0	0	0	0	0
98002	2	0.78%	0	0	0	0	5	0	0	0	5	0	0	0	0
98007	2	0.78%	8	0	0	0	0	0	0	0	2	0	0	0	0
98020	2	0.78%	9	0	0	0	0	0	0	0	1	0	0	0	0
98027	2	0.78%	7	1	0	0	0	0	0	0	2	0	0	0	0
98030	2	0.78%	0	0	5	0	0	0	0	0	0	0	0	0	0
98033	2	0.78%	10	0	0	0	0	0	0	0	0	0	0	0	0
98056	2	0.78%	7	0	3	0	0	0	0	0	0	0	0	0	0
98058	2	0.78%	5	0	0	0	0	0	0	0	0	0	0	0	0
98103	2	0.78%	5	3	0	0	0	0	0	0	2	0	0	0	0
98105	2	0.78%	9	0	0	0	0	0	0	0	1	0	0	0	0
98112	2	0.78%	0	5	3	1	0	0	0	0	1	0	0	0	0
98117	2	0.78%	8	0	0	0	0	0	0	0	1	0	0	0	0
98136	2	0.78%	10	0	0	0	0	0	0	0	0	0	0	0	0
98146	2	0.78%	0	0	6	0	1	0	1	0	0	0	0	0	2
98294	2	0.78%	9	0	0	0	0	0	0	0	0	0	0	0	1
	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
19028	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	0.39%	4	0	0	0	0	0	0	0	0	1	0	0	0
98008	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.39%	0	0	2	0	0	0	0	0	3	0	0	0	0
98023	1	0.39%	0	1	1	0	0	0	0	0	3	0	0	0	0
98029	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98032	1	0.39%	2	0	0	0	0	0	0	0	3	0	0	0	0
98038	1	0.39%	0	0	4	0	0	0	0	0	1	0	0	0	0
98040	1	0.39%	0	0	0	0	0	0	0	0	1	0	0	0	0
98045	1	0.39%	0	0	4	0	0	0	0	0	1	0	0	0	0
98047	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.39%	0	0	4	0	0	0	0	0	0	0	0	0	0
98065	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98074	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.39%	0	0	0	0	5	0	0	0	0	0	0	0	0
98108	1	0.39%	0	0	0	0	5	0	0	0	0	0	0	0	0
98109	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.39%	4	0	0	0	0	0	0	0	1	0	0	0	0
98119	1	0.39%	3	0	0	0	0	0	0	0	2	0	0	0	0
98125	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.39%	3	0	2	0	0	0	0	0	0	0	0	0	0
98166	1	0.39%	6	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.39%	4	0	0	0	0	0	0	0	0	0	0	0	0
98292	1	0.39%	3	2	0	0	0	0	0	0	0	0	0	0	0
98372	1	0.39%	4	0	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.39%	0	0	5	0	0	0	0	0	0	0	0	0	0